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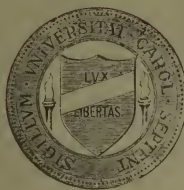
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JANUARY, 1904

NUMBER 25

*The University of
North Carolina*

RECORD



CONTAINING

*The Announcement of the
Summer School*

PUBLISHED BY THE UNIVERSITY

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THE UNIVERSITY PRESS
CHAPEL HILL

FACULTY.

FRANCIS PRESTON VENABLE, PH.D., LL.D.,

PRESIDENT.

Graduate of the University of Virginia. Student at the Universities of Bonn, Göttingen and Berlin. A.M., Ph.D., University of Göttingen. LL.D., University of Pennsylvania. Professor of Chemistry, University of North Carolina. President of the University of North Carolina.

Greek.

EBEN ALEXANDER, PH.D., LL.D.,

DEAN OF THE FACULTY.

A.B., Yale University. LL.D., University of North Carolina. Professor of Ancient Languages, University of Tennessee. Envoy Extraordinary and Minister Plenipotentiary to Greece, Roumania and Servia. Professor of Greek, University of North Carolina.

Geography.

JOHN ADDISON BIVINS.

Student of Geography and Geology, Universities of North Carolina, Harvard and Columbia. Principal of Charlotte Graded Schools.

French.

JAMES DOWDEN BRUNER, PH.D.

A.B., Franklin College. Instructor in Modern Languages, Ibid. Student in Paris. Ph.D., Johns Hopkins. Professor of Romance Languages, University of Illinois. Assistant Professor of Romance Languages, University of Chicago. Associate Professor of Romance Languages, University of North Carolina.

Geology.**COLLIER COBB, A.M.**

A B., A.M., Harvard University. Instructor, Massachusetts Institute of Technology. Instructor, Harvard University. Professor of Geology, University of North Carolina.

History.**WILLIAM EDWARD DODD, PH.D.**

B.S., M.S., Virginia Polytechnic Institute. Ph.D., Leipzig. Instructor, Virginia Polytechnic Institute. Professor of History and Economics, Randolph-Macon College.

North Carolina History.**ALEXANDER GRAHAM, A M.**

A B., A.M., University of North Carolina. LL.B., Columbia University. Instructor, Anthon Grammar School, N. Y. Instructor in History, S. C. State Normal School and University of North Carolina Summer School. Conductor of Teachers' Institutes. Superintendent of Schools, Fayetteville. Superintendent of Schools, Charlotte.

Drawing.**MELVILLE VINCENT FORT.**

Mississippi Industrial College. Student in schools in Cincinnati, Chicago, and New York. Instructor in Drawing, Kentucky. Professor of Drawing, North Carolina Normal and Industrial College.

Mathematics.**JULIUS ISAAC FOUST, PH.B.**

Ph.B., University of North Carolina. Instructor in Mathematics, University of North Carolina. Superintendent of Goldsboro Schools. Professor of Pedagogy, North Carolina Normal and Industrial College.

English Language and Literature.**EDWARD KIDDER GRAHAM, A.M.**

Ph.B., University of North Carolina. Librarian, Ibid. Student, Harvard University. A.M., Columbia University. Associate Professor of the English Language, University of North Carolina.

CHARLES ALPHONSO SMITH, PH.D.

A.B., Davidson College. A.M., Ibid. Ph.D., Johns Hopkins University. Student in London, Paris and Berlin. Instructor, Johns Hopkins University. Professor, Louisiana State University. Professor of the English Language, University of North Carolina.

HENRY NELSON SNYDER, A.M.

A.B., A.M., Vanderbilt. Göttingen and London. Instructor in Latin, Vanderbilt. Professor of English Literature, Wofford College. President of Wofford College.

Manual Training.**WILLIAM C. A. HAMMEL.**

Graduate of Maryland State Normal School. Special student in Physics, Johns Hopkins University. Student in Manual Training under Everett Schwartz, of the Normal Sloyd School, Naas, Sweden. Inspector of Manual Training Schools of Maryland. Professor of Manual Training and Physics, North Carolina Normal and Industrial College.

JULIA RAINES.

Graduate of Southern Female College, Georgia. Student at Georgia Normal College, and at Teachers' College, Columbia University. Instructor, Columbus Public Schools. Assistant in Manual Training, North Carolina Normal and Industrial College.

Latin.**GEORGE HOWE, PH.D.**

A.B., Princeton. Ph.D., University of Halle. Student at Oxford, England. Professor of Latin, University of North Carolina.

Kindergarten.**MARGARET A. JOHNSTON, B.A.**

Graduate of the St. Louis Normal School for Kindergartners. Graduate student of Pedagogy in Boston and at Teachers' College, N. Y. Kindergarten Supervisor at the College Settlement, N. Y. Beaufort Kindergarten Training School. Supervisor of Kindergartens, Greensboro.

ALIDA F. FALES.

Graduate of Beaufort Kindergarten Training School. Teacher in Greensboro Public Schools.

Physics.**JAMES EDWARD LATTA, A.M.**

Ph.B., A.M., University of North Carolina. A.M., Harvard University. Instructor in Physics, University of North Carolina.

Botany.**IVEY FOREMAN LEWIS, M.S.**

A.B., M.S., University of North Carolina. Assistant in Biology, Ibid. Student, John Hopkins University.

Expression.**GEORGE M. McKIE.**

Graduate of Emerson School of Oratory. Instructor, University of North Carolina.

Physiology and Hygiene.**CHARLES STAPLES MANGUM, M.D.**

A.B., University of North Carolina. M.D., Jefferson Medical College. Assistant Demonstrator, Jefferson Medical College. Professor of Materia Medica, University of North Carolina.

Pedagogy.**M. C. S. NOBLE.**

University of North Carolina. Davidson College. Commandant, Bingham School. Superintendent of Schools, Wilmington, N. C. Professor of Pedagogy, University of North Carolina.

Psychology and Education.**ERNEST NORTON HENDERSON, Ph.D.**

A.B., A.M., University of California. Ph.D., Teachers' College, Columbia University. Instructor, University of California. Principal, Woodlawn High School. Professor of Psychology and History of Education, California State Normal School. Professor of Education, Adelphi College, Brooklyn.

German.**WALTER DALLAM TOY, M.A.**

M.A., University of Virginia. Student at Leipsic, Berlin, Sorbonne and College de France. Professor of Germanic Languages, University of North Carolina.

Chemistry.**ALVIN SAWYER WHEELER, Ph.D.**

A.B., Beloit College. A.M., Ph.D., Harvard University. Student, University of Chicago and Cornell University. Assistant, Harvard University. Associate Professor of Organic Chemistry, University of North Carolina.

Library School.**LOUIS ROUND WILSON, A.M.**

A.B., A.M., University of North Carolina. Student and Assistant Librarian, Haverford College. Teacher, Scotland Neck High School. Professor of English, Catawba College. Librarian, University of North Carolina.

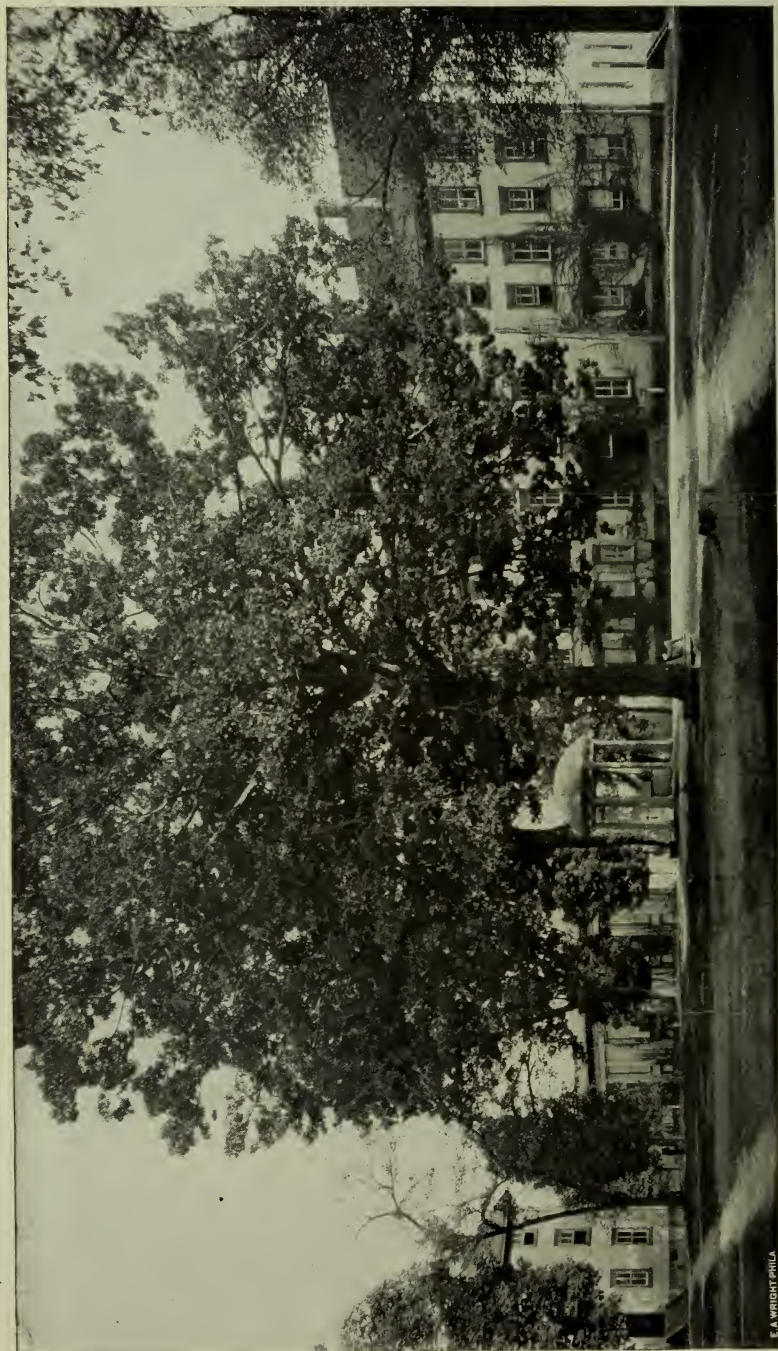
Special Lecturers.

The following gentlemen have accepted invitations to deliver one or more lectures during the period of the Summer School: Charles B. Aycock, Governor of North Carolina; Charles D. McIver, President State Normal and Industrial College; James Y. Joyner, Superintendent of Public Instruction; Henry Louis Smith, President of Davidson College; William L. Poteat, Professor of Biology, Wake Forest College; Josephus Daniels, Editor of the News and Observer; Edwin Mims, Professor of English Literature, Trinity College; J. W. Bailey, Editor of the Biblical Recorder; Kemp Plummer Battle, Professor of History, University of North Carolina; Thomas Hume, Professor of English Literature, University of North Carolina; James Cameron MacRae, Professor of Law, University of North Carolina.

Public lectures will be given every evening during the session, dealing with important matters in science, literature, history, and vital questions connected with the growth and development of the schools.

The following well known Superintendents of Schools have agreed to be present, each of whom will give one or more practical talks to the teachers on subjects of importance in their work. It is hoped that the assistance of others can also be secured. They will present the best of their thought and experience for years in school work :

J. T. Alderman, Henderson; J. Davis, Mount Airy; Alexander Graham, Charlotte; I. C. Griffin, Salisbury; S. G. Harden, Reidsville; J. A. Jones, Fayetteville; C. E. Maddry, Orange County; E. P. Mangum, Wilson; C. W. Massey, Durham County; J. A. Mattheson, Durham; Walter Thompson, Concord; R. J. Tighe, Asheville; C. F. Tomlinson, Winston-Salem; C. W. Wilson, Scotland Neck. These gentlemen, of long and successful experience as teachers and in the management of schools, will discuss such practical matters as: The Grading, Classification, and Seating of Pupils; Daily Programs; School Records and Reports; Treatment of School Evils; Right and Wrong Uses of Punishment; School Virtues, and Incentives to Study; Recitations, Reviews, Tests, Examinations—their Purpose and Value; Individual Promotion of Pupils, Classes, Grades; Mutual Relations of Teachers, Superintendents, and School Committees; Rights of Pupils and Rights of Teachers; How to beautify the School Rooms and School Grounds at Small Cost; Care and Management of the Library in Small Schools, and how to enlarge it; School Entertainments, their Purpose, Value, and suggestive Programs; How to Create a Desire for a Graded School; How to Organize a Graded School in Town and County; How to make Teachers' Meetings Profitable; Manual Training in the Public Schools.



SOUTH BUILDING AND THE WELL.

ANNOUNCEMENT.

Date of Opening.

3695 teachers enrolled in the past.

The nineteenth annual session of the University Summer School for Teachers will begin at 12 o'clock, June 13, and close on the afternoon of July 8. All the resources of the University will be open to those who attend, and it is believed that a glance through the courses here offered will convince the progressive teachers of North Carolina that it is the part neither of wisdom nor of economy for them to leave the State in order to secure the best instruction in both text-books and methods.

A Genuine School of Methods.

Expert instructors representing the latest developments in school management and methods of teaching.

The opportunities and advantages offered this year are of even greater value and better suited to the needs of the teacher than those which in former years have given the Summer School its reputation for merit and efficiency.

In arranging the courses of study, a special effort has been made to provide for the following:

1. Those who are preparing to teach in either public or private schools.
2. Those teachers who wish to study under experts the best methods employed in modern educational endeavor.
3. The teachers in both public and private schools who desire to broaden their scholarship or to improve their methods of instruction and discipline by a careful study of the theories and results of practical and successful teachers.

General Plan of Instruction.

A total of forty-two courses, including subjects of special value to teachers in every grade.

The courses may be grouped under the following heads:

COMMON SCHOOL SUB- JECTS AND METHODS.	PSYCHOLOGY AND PED- AGOGY.	HIGH SCHOOL AND COL- LEGE SUBJECTS.
Kindergarten. Reading. Expression. Elementary Physiology. Elementary Physics. Elementary Arithmetic. Manual Training. Elementary Algebra. English Composition. Geography. Drawing Elementary History of the United States. History of North Carolina.	Psychology. Art of Teaching. Philosophy of Education. Philosophy of Method. History of Education.	Latin Grammar and Litera- ture. Greek Grammar and Litera- ture. English Grammar and Liter- ature. French Grammar and Liter- ature. German Grammar and Liter- ature. American History. History of North Carolina. Roman and Mediaeval His- tory. Arithmetic and Algebra. Geology. Mineralogy. Advanced Physiology. Botany. Chemistry. Physics.

Certificates will be issued to those members of the school who regularly attend and satisfactorily complete courses amounting, in the aggregate, to eighteen hours.

Special Advantages.

All the privileges of the University open to students of the Summer School and at less cost than at any other season of the year.

Lecture Courses. A regular course of lectures, both scientific and literary, has been provided, many of them being of direct practical value to the teacher, and dealing with vital questions connected with the growth and development of our schools. The lecture courses will be free, and will contribute greatly to the pleasure and profit of the teachers.

Library. The University Library, which contains more than 40,000 volumes, and the Reading Room, supplied with the best periodicals and newspapers, will be open daily to members of the Summer School. There will thus be furnished, free of cost, a most excellent opportunity for collateral reading on any of the courses of study, and general reading in a wide range of subjects.

Laboratories. The Physical, Chemical, Botanical and Zoological Laboratories of the University are modern in their equipment and are at the service of the Summer School. Laboratory methods and experience are necessary to the most successful teacher of today, and can be readily acquired only by actually doing laboratory work under the guidance of skilled instructors.

Campus. The University buildings are located in a well shaded campus of nearly fifty acres, and Chapel Hill, with an elevation of five hundred feet, shady streets and pure, cool drinking water, offers a delightful summer home.

Low Cost. The entire expense for registration fee, furnished room in the dormitories, with electric light and baths, and board at Commons Hall, is only fifteen dollars. The cost of attending any Summer School, offering equal advantages of instruction, would be more than three times this amount.

COURSES OF STUDY.

[All classes meet daily and all courses continue throughout the session, unless otherwise stated.]

PEDAGOGY.

Professor M. C. S. NOBLE.

1. The Development and Philosophy of Method. Illustrative applications of method to the teaching of primary reading, elementary arithmetic, geography, and history of North Carolina. The use of devices in teaching. Organization and management of schools in cities and country districts.

Professor E. N. HENDERSON.

2. Contributions of Psychology to Education. Criticism of leading psychological theories, influential in modifying or determining curricula or methods of teaching. Review of conclusions of modern experimental psychology, having an educational bearing. Estimate of the modern criticisms on school work, made on psychological grounds. Lectures and discussions.
3. The Aims of the School. A comparison of these in various modern communities and in different grades and types of schools. Considerations of why these aims appear, and a review of leading criticisms upon them. Discussion of the possibilities of the school in the United States. *Three hours a week.*

ENGLISH.

Professor E. K. GRAHAM.

1. College Entrance Requirements in English. Methods of teaching, and the subject matter of the representative selections from English



MARY ANN SMITH BUILDING.

Literature required for entrance into American colleges. Lectures, readings, and class discussions. [*Merchant of Venice, Julius Caesar, Macbeth, Comus, L'Allegro, Il Penseroso, De Corerley Papers, Vicar of Wakefield, On Conciliation with America, Ancient Mariner, Ivanhoe, Carlyle's Burns, Macaulay's Addison and Milton, Silas Marner, Vision of Sir Launfal.*] The certificate given on the completion of this course will admit to the University without examination in English.

Professor C. ALPHONSO SMITH.

2. The Short Story. This course will consist of lectures on the structure and development of the short story, together with illustrative readings. Text-books: Cody's *The World's Greatest Short Stories* and Nettleton's *Specimens of Short Story*.
3. English Grammar. Exercises in composition will be required to illustrate the principles of grammar. Text-book: Smith's *English Grammar for the Common Schools*.

President H. N. SNYDER.

4. Southern Literature, an introduction to the study of literary effort at the South, five lectures:—1. A survey of the field with special reference to conditions affecting literature. 2. Colonial and revolutionary literature. 3. Fiction. 4. Poetry. 5. Southern Humor.

Mr. G. M. MCKIE.

5. Expression. The course in expression will develop, by the discussion of suitable specimens of literature, principles useful in teaching vocal expression. Talks on voice culture and gesture will be given. Special attention will given to the teaching of reading in the public schools. *Three hours a week.*
6. Shakespeare. The course in Shakespeare will consist of the rapid reading of a play selected by the class, and a discussion of its historical, literary, and dramatic phases. *Three hours a week.*

The courses in expression and Shakespeare will be given on alternate days.

HISTORY.

Professor W. E. DODD.

1. Elementary History of the United States. This course will be given with special reference to the needs of teachers in the public schools. It will embrace a brief outline of colonial history, followed by a more detailed account of the early history of the country under the Constitution. Attention will be devoted incidentally to the objects of elementary instruction in history and to the methods of teaching this subject.
2. Outlines of Roman and Mediaeval History. This course will be devoted to a consideration of some of the most important developments in later Roman and early Mediaeval history. Especial attention will be directed to the methods of teaching these subjects in the high schools. The most important results of recent explorations will also be noted as far as practicable.

Professor ALEXANDER GRAHAM.

3. North Carolina History. Short biographies of distinguished men of North Carolina. Great events of North Carolina History. Important battles in Indian, Revolutionary and Civil Wars on North Carolina soil. These will be discussed under the usual history periods: Discovery, Settlement, Colonial, Revolutionary, Constitutional, Civil War, Reconstruction, and Commercial.

MATHEMATICS.

Professor M. C. S. NOBLE.

1. Elementary Arithmetic. A study of objects leading to a discovery of the "four fundamental rules;" application of the "four fundamental rules" to fractions, percentage, interest, and the arithmetical problems of business; the unity in arithmetical processes; methods of explaining difficult problems.

Professor J. I. FOUST.

2. Advanced Arithmetic. Fractions, percentage, interest, bank discount,

practical measurements, ratio and proportion, partnership, square root, cube root.

3. Algebra. This is a course in methods and will deal entirely with factoring, greatest common divisor, least common multiple, fractions, equations, square root, cube root, solution of problems, and binomial theorem.

GEOGRAPHY.

Principal J. A. BIVINS.

1. Primary Geography. The earth as a planet, in connection with other planets, the sun and stars. Continental forms, elevation, drainage, climate, natural productions. Political divisions. Map-drawing, modeling of relief-forms. Correlation with other subjects.
2. Observation lessons on brooks, stars, soil, rocks, weather, trees, flowers, magnetism, and other things useful for teachers and pupils, tending to make the study of geography intelligible and interesting.

GEOLOGY AND MINERALOGY.

Professor COLLIER COBB.

1. Elementary Geology. Lectures, field-work, and laboratory-work. The course is given with special reference to its use as a basis for physical geography work.
2. Elementary Mineralogy. Laboratory-work and field-work. Saturdays are left free for the longer field excursions.

PHYSICS.

Mr. J. E. LATTA.

1. Elementary Physics, with special reference to teaching that subject in the secondary schools. Magnetism, electricity, light. Lectures, illustrated by experiments. Laboratory work on Saturdays.

Professor WILLIAM C. A. HAMMEL and Miss JULIA RAINES.

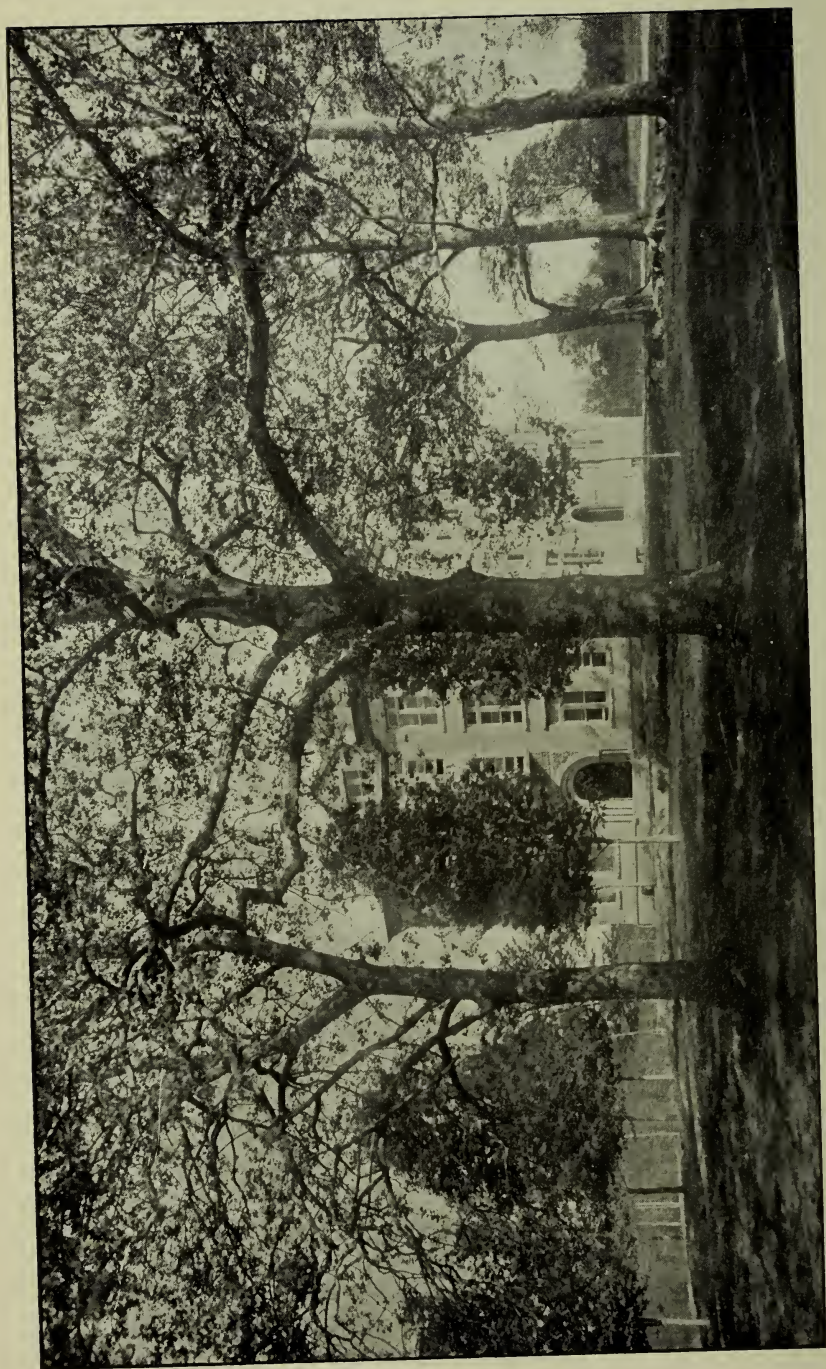
These courses deal with some of the forms of hand work that are practical in all grades in the rural as well as in the city schools and with such forms as can be carried on in the class room by the regular grade teacher. Clay modeling, construction in paper and cardboard, basketry, Venetian iron work, and knife work are studied for their educational value, and in their relation to industry, with especial emphasis on the aesthetic possibilities.

1. Clay Modeling. This course aims to reach the needs of teachers in the first five years of school. It deals in the simplest manner possible with the natural and manufactured objects which are nearest the child's actual life. By handling and making these things the child gains the necessary new ideas of form and proportion as well as skill with the hand.
2. Paper Folding and Construction in Cardboard. Students will be given a systematic course in making models to cover the first four years' work in the school room.
3. Basketry. In this course the student is given a chance to make practical use of the natural material of his environment. In addition to his training in design and technical handling he becomes familiar with good forms and color combinations.
4. Knife Work. In elementary knife work students will construct models from bass wood or white pine, dealing with the two dimensions of plane geometry. In the advanced knife work they use various kinds of wood, make and use working drawings, and deal with the three dimensions of solids.

BOTANY.

Mr. IVEY F. LEWIS.

1. Cryptogams and Flowering Plants. Lectures on the structure of some of the lower plants, and on the morphology and physiology of flowering plants. This work will be supplemented by work in laboratory and field, and is intended to help teachers in common schools and graded schools.



THE CARR BUILDING.

PHYSIOLOGY AND HYGIENE.

Dr. C. S. MANGUM.

1. Elementary Physiology. This course, for beginners, gives a description of the human body and the functions of the organs. School hygiene will be discussed.
2. A Course for Teachers. Each subject will be treated from the teacher's standpoint, and instruction given as to the best methods of securing the interest and coöperation of pupils. Previous training in anatomy and physiology is required.

DRAWING.

Miss MELVILLE FORT.

1. Elementary Drawing. A course for teachers in the common schools. The work will consist of free-arm movement exercises, black-board drawing, and drawing from objects.
2. Advanced Drawing. Brush and ink work, colored chalk and picture study.

CHEMISTRY.

Professor A. S. WHEELER.

1. Elementary Course in General Chemistry. Lectures and laboratory work one hour a day.
2. Advanced Laboratory Work. On application.

KINDERGARTEN.

Miss M. A. JOHNSTON.

1. The theory of Kindergarten and primary methods in nature work, ethics, and manual training. Basketry, crayon and brush work.

2. Practice Kindergarten, in charge of Miss Fales. Children four and five years of age are received without charge, 9:15-11 A. M.

GREEK.

Professor EBEN ALEXANDER.

1. For Beginners. White's *First Greek Book* will be used. This course will enable teachers who have not studied Greek to reach a point from which they can continue it without an instructor.
2. Book I. of Homer's *Iliad*, with a review of important principles of grammar. This course can be taken by teachers who have studied Greek for one or two years. *Three hours a week.*

LATIN.

Professor GEORGE HOWE.

1. Elementary Course. Study of forms and the simple rules of syntax. Study of words showing the relation of Latin to English. (Intended for those who have never studied Latin and those who teach beginners.)
2. Advanced Course. Reading of easy Latin: Viri Romæ, Cæsar, or Selections from Vergils's *Æneid*. Composition.
A course, if desired, will be given for the benefit of those who wish to further their work of last summer, taking up Horace and Cicero and advanced composition.

FRENCH.

Professor J. D. BRUNER.

1. Elementary Course. The elements of grammar, pronunciation, rapid reading of easy prose, reading at sight. In this course there will be practice in speaking French.

2. Advanced Course. Rapid reading of Victor Hugo's *Hernani* and Racine's *Esther*. Lectures.

GERMAN.

Professor W. D. TOY.

1. Practice in forms. Systematic instruction in translation. Brief discussion of methods of teaching.

Intended for those who have no acquaintance with the subject. It is expected that diligent application in this course will enable the student to carry on with profit his subsequent work in this subject.

2. Practice in wide reading.

Intended for those who have had at least one year's instruction. In connection with the translation there will be brief explanations of grammar and literature.

In both courses there will be practice in speaking German.

LIBRARY SCHOOL.

Mr. L. R. WILSON.

Library work and methods. Lectures on selection of books, order lists, accessioning, classification, book numbers, cataloguing, shelf-listing, binding, bulletins, use of books of reference, reading lists, periodical lists, debate helps. Practice in the library, illustrating carefully all details of subjects treated in the lectures.

The fee for this course will be five dollars.

EXPENSES.

There will be no charge for tuition in the Summer School, except for the course in advanced Chemistry and that in Library work. An incidental fee of five dollars will, however, be charged.

Double rooms in the University dormitories may be engaged in advance at \$2.00 for the session for each occupant, by writing to the Registrar. A few single rooms are available, at \$2.00 each. The rooms are furnished, except with bed linen and towels. The charge for rent includes service, electric lights and baths.

The price of table board at Commons Hall is \$8.00 for the session. For a shorter period, the rate is \$3.00 a week, or fifty cents a day.

Rooms may be secured at the Bursar's office, Alumni Hall. For board tickets, apply to the Treasurer at Commons Hall.

All charges are payable in advance.

Carriages and baggage wagons meet all trains. Baggage may be sent from the railway station to the University buildings. Students arriving at meal times may go at once to Commons Hall for meals. Trains arrive from east and west at 11 A. M. and 5:25 P. M.; leave at 8:10 A. M. and 2:10 P. M. Reduced rates on all railroads.

For additional information, address

FRANCIS P. VENABLE, *President*,
Chapel Hill, N. C.



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Announcements

THE Fall Term of the University of North Carolina will begin September 5, 1904.

Registration, September 5, 6, 7. Applicants for admission into the University will be examined on the days appointed for registration.

Lectures in the Academic Department and in the Professional Schools will begin September 8, 1904.

Commencement will be on June 1, 1904.

The Summer Law School will begin June 8.

The Summer School for Teachers, June 13-July 8.

For the Catalogue or for detailed information, address

FRANCIS P. VENABLE, PRESIDENT
UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL